



Accountability
Performance
Accuracy

The Nuclear Materials Management Safeguards System

NMMSS

2016

Annual Users Training Meeting

May 9-12, 2016 | New Orleans, LA

NRC MC&A Inspections Perspective

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Global Nuclear Fuel



- YLJ – Wilmington, NC Fuel manufacturing. Largest site
- YLI – Wilmington, NC. Global Laser Enrichment.
- YEB – Vallecitos, CA. Mostly storage, very small active inventory
- LAZ – Vallecitos, CA. Test reactor
- XFE – Morris, IL. Used fuel storage facility



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NRC Interactions

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NISA



- Routine Inspections

- Review of Management measures
- Review of process
- Review of inventory
- Review of measurement calculations
- Item checks

- International issues

- Transfers to non-weapons states
- Update to Design Information Questionnaire



- Good frequency of interactions. More at Wilmington where the majority of the material is present.
- Integration with Region II has made all inspections more consistent
- Helpful with international interactions. Understanding of proprietary concerns and can enable effective communications with IAEA
- Need to assure risk informed response to issues
- Strong communications when multiple parties (NMMSS, utilities, IAEA...) are involved.